Diffusion and Particles

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| ***Teacher:*** | Ms. Athwal  | ***Date:*** | Jan 21 – Jan 24 | ***Course:*** | Chemistry | ***Grade:*** | 11 |
| ***CA Standard(s):*** 4a *Students know* the random motion of molecules and their collisions with a surface create the observable pressure on that surface.4b *Students know* the random motion of molecules explains the diffusion of gases. |
| ***Learning Objective (s):*** LT 5.1 – I can explain how pressure is created through the collisions of molecules with a surface.LT 5.2 – I can discuss how the diffusion of a gas through a space is the result of the random motion of a gas molecule. |
| ***Essential Question(s):*** What does it take to be successful?  |
| **Assessment**: * Literacy questions
* Environmental proposal
* Lab conclusion
 |
| ***Do Now***:Assess homework to exam results correlation data  |

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| **WHOLE GROUP/ DIRECT INTRUCTION** |
| * Pressure
* Diffusion
* Gas
* The Gas Laws
* Why Los Angeles is so polluted
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| **SMALL GROUP STATION** |  | **COLLABORATIVE STATION** |  | **COMPUTER ASSISTED STATION** |
| Reading and annotating “Pollution in Los Angeles” article and answer questions Notes on pressure, gas, and diffusion |  | Reading and annotating “Pollution in Los Angeles” article and answer questions Why does the can crush lab |  | Design environmental justice proposal for the city of los angeles  |